

Claims

1. A plug-in connector for plumbing fixtures having a plug-in bushing associated to the plumbing fixture, an undercut associated to the plug-in bushing, a line to be connected to the plumbing fixture, and a flange attached near the end of the line that has a perimeter having other than a circular shape and that may be brought into engagement with the undercut by rotating it, after the line end has been pushed into the plug-in bushing.
2. A plug-in connector according to claim 1, wherein the undercut is configured such that the line, along with the flange, may be rotated to the extent that withdrawal of the line from the plug-in bushing will be prevented.
3. A plug-in connector according to claim 1, wherein the undercut is configured such that the undercut and flange will be wedged together when the line is rotated.
4. A plug-in connector according to claim 1, wherein the flange is configured such that the undercut and flange will be wedged together when the line is rotated.
5. A plug-in connector according to claim 1, wherein the undercut and flange jointly form a bayonet connector.
6. A plug-in connector according to claim 1, wherein the undercut is formed on one side of the plug-in bushing only.
7. A plug-in connector according to claim 1, wherein the undercut is formed around the end of the line.

8. A plug-in connector according to claim 1, wherein the undercut is at least partially formed ahead of the plug-in bushing.
9. A plug-in connector according to claim 1, wherein the plug-in bushing is formed in an adapter element, situated between a mixer cartridge and the housing of the plumbing fixture.
10. A plug-in connector according to claim 1, wherein the undercut is formed in the housing of the plumbing fixture.
11. A plug-in connector according to claim 1, wherein the undercut is formed in the adapter element.
12. A plug-in connector according to claim 1, wherein the ends of the undercut in the adapter element are open and may be closed by inserting the adapter into the housing of the plumbing fixture.
13. A plug-in connector according to claim 1, wherein the ends of the plug-in bushing in the adapter element are open and may be closed by inserting the adapter into the housing of the plumbing fixture.
14. A plug-in connector according to claim 1, wherein the flange is located at a distance from the free end of the line.
15. A plug-in connector according to claim 1, wherein an axial force acting on the flange forces it up against the undercut in order to clamp the end of the line in the plug-in bushing.
16. A plug-in connector according to claim 15, wherein an elastic element is provided in order to exert the axial force acting on the flange.

17. A plug-in connector according to claim 16, wherein the elastic element is formed by an O-Ring.

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